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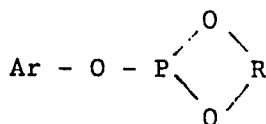
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(54) **Cyclic phosphonic monoesters and their preparation.**

(57) A process for preparing cyclic phosphonic monoesters comprising subjecting aryloxyphosphines of defined formulae to flash pyrolysis, is provided. The aryloxyphosphines are those having the general formula



where Ar is aryl and R is a hydrocarbyl radical capable of forming unsaturated hydrocarbon on severance of the C-O linkages.

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EP 87 30 7612

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
Y	JOURNAL OF THE CHEMICAL SOCIETY, CHEMICAL COMMUNICATIONS, no. 23, 1983, pages 1408-1409; J.I.G. CADOGAN et al.: "Novel insertion of the dioxophosphorane moiety ('Metaphosphonate') into an aliphatic C-H bond via flash vacuum pyrolysis of a cyclic phosphonite and by oxidation of a diphosphene" * Whole article *	1,2,3	C 07 F 9/40
Y	JOURNAL OF THE CHEMICAL SOCIETY, CHEMICAL COMMUNICATIONS, no. 15, 1983, pages 857-858; S. BRACHER et al.: "The generation and trapping of a monomeric aryldioxophosphorane ('Metaphosphonate')"	1,2,3	
A	FR-A-2 451 937 (SANKO K.K.K.) * Claims *	1	
P,X	JOURNAL OF THE CHEMICAL SOCIETY, CHEMICAL COMMUNICATIONS, no. 23, 1st December 1986, pages 1685-1686; J.I.G. CADOGAN et al.: "Thermally induced gas phase phosphonylation of arenes via intramolecular trapping of an aryl metaphosphate moiety" * Whole article *	1-4	TECHNICAL FIELDS SEARCHED (Int. Cl.4) C 07 F 9/00
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 06-02-1989	Examiner BESLIER L.M.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			